



Thorvin for Animals

Animals Thrive on ThorvinSM

Thorvin is the leader in harvesting and processing mineral-rich, kelp-based ingredients for agriculture. Thorvin selects the most nutrient-rich species, harvests from the cleanest sites, and processes to capture maximum nutrient density. Animals thrive on Thorvin—they have since 1982.

“When I encounter pinkeye, hairy warts, ringworm, or breeding problems, my first question to farm clients is, ‘Are you on Thorvin?’”

Paul Detloff
D.V.M & Livestock Consultant (WI)

For more information:
800.464.0417
sales@thorvin.com
www.thorvin.com



The Thorvin Difference

Thorvin for Animals is the leading organic feed supplement, contributing to lower vet bills and helping to keep livestock at their healthy best.



Thorvin for Animals – Benefits

As nature's most robust mineral supplement, Thorvin provides a range of stress-relieving benefits. Thorvin acts by filling in micronutrient deficiencies and bolstering optimal health. Benefits vary by species and nutritional needs.

- **Nutrient-Dense** – Contains a broad array of bioavailable vitamins, minerals, and beneficial phytonutrients for superior metabolic health – as needed, by species.
- **Enhances Performance** – Promotes breed back (selenium & zinc) and weight gain.
- **Supports Animal Health** – Contains nutrients critical for minimizing foot rot (zinc & iodine) and pinkeye (copper & selenium).
- **Economical** – Only takes small amounts to help fill micronutrient deficiencies – for just pennies a day.
- **High Nutrient Value Per Pound** – Delivers more iodine and lower moisture per pound.
- **Concentrated Source** – Proprietary processing locks in nutrients and delivers concentrated mineral source.
- **Versatile** – Mix in feed at 2% of dry ration, or feed free choice – alone or with salt.
- **Organic** – Certified 100% Organic and OMRI Listed®.
- **All-Natural** – 100% natural; no additives – just the way nature intended.

“If you're raising broilers, I sure hope you're feeding Thorvin.”

Kipp Jaszewski
Mountain Meadows
Farm (VA)



Guaranteed Label Analysis

Crude Protein, not less than	6.0%
Crude Fat, not less than	1.0%
Crude Fiber, not more than	8.0%
Calcium (Ca), not less than	1.5%
Phosphorous (P), not less than	0.1%
Potassium (K), not less than	2.0%
Iodine (I), not less than	750 ppm
Zinc (Zn), not less than	12 ppm
Copper (Cu), not less than	4 ppm
Cobalt (Co), not less than	4 ppm
Selenium (Se), not less than	0.5 ppm

Ingredients

Ingredients:	USDA Certified 100% Organic dried kelp (Marine algae – species <i>Ascophyllum nodosum</i>).
Packaging:	Available in 50 lb. bags and bulk totes.
Storage:	Store in dry place. Best used within 36 months.

Suggested Feeding Rates Per Day

Mix in feed at 2% of dry ration, or feed free choice – alone or with salt.
For more information, see thorvin.com

Dairy Cows	2 oz. per head
Bulls & Steers	2 oz. per head
Heifers & Calves	½ – 2 oz. per head
Horses, Sheep & Goats	½ oz. per day
Poultry	1% of grain ration
Swine	0.5% of feed ration

Physical Characteristics

Particle Sizes	Granules or free-choice flakes
Appearance	Green
Moisture	9% average
Aroma	Mild marine odor
Plant Part	Milled sea vegetation

The Thorvin family of quality products includes:

- **Thorvin for Animals**, our flagship product, is North America's leading organic supplement.
- **Thorvin 1000**, our premium formula, efficiently delivers over 1000 ppm iodine and other concentrated nutrients, making it ideal for feed formulations.
- **Nature's Kelp Meal** is a quality, value option, also carefully harvested and dried to meet Thorvin's rigorous quality standards.

“When minerals are lacking, you start to see lame animals. We buy Thorvin because it helps keep our herd healthy.”

Angel Lopez, Dairy Herd Manager, EcoDairy Farms (CA)

Preserving the Power of Nature

Kelps are powerful sea plants, able to bioaccumulate the abundant nutrients found in seawater—but only Thorvin knows how to preserve these nutrients for maximum density. We select the cleanest and most mineral-rich kelp beds on the planet. Then, we use proprietary processing to lock in the nutrients so you realize the greatest value.



Ask for a product sample:

sales@thorvin.com / 800.464.0417